List of Claims:

Claim 1 (Previously Presented): A device comprising:

an encoder configured to receive a speech sample and generate an encoded voice packet from said speech sample, said encoded voice packet having a packet size and a plurality of bytes;

an encryption unit configured to receive a voice block and generate an encrypted voice block, said voice block having a block size, wherein said packet size is not divisible by said block size and yields a remainder; and

a packet block manager configured to divide said encoded voice packet into a plurality of first voice blocks each having said block size, and provide said plurality of first voice blocks to said encryption unit, said packet block manager further configured to create a remainder voice block having said block size and including remainder bytes of said encoded voice packet and additional bytes from said plurality of first voice blocks and provide said remainder voice block to said encryption unit.

Claim 2 (Previously Presented): The device of claim 1, wherein said packet block manager applies a mask to said plurality of first voice packets for determining said additional bytes.

Claim 3 (Cancelled)

Claim 4 (Original): The device of claim 1, wherein said encoder is a G.711 encoder.

Claim 5 (Original): The device of claim 1, wherein said encryption unit employs Advanced Encryption Standard encryption.

Claim 6 (Previously Presented): A method comprising:

generating an encoded voice packet from a speech sample, said encoded voice packet having a packet size and a plurality of bytes;

creating an encrypted voice block from a voice block, said voice block having a block size, wherein said packet size is not divisible by said block size and yields a remainder;

dividing said encoded voice packet into a plurality of first voice blocks each having said block size;

providing said plurality of first voice blocks to said encryption unit;

creating a remainder voice block having said block size and including remainder bytes of said encoded voice packet and additional bytes from said plurality of first voice blocks; and

providing said remainder voice block to said encryption unit.

Claim 7 (Previously Presented): The method of claim 6 further comprising applying a mask to said plurality of first voice packets for determining said additional bytes.

Claim 8 (Cancelled)

Claim 9 (Previously Presented): The method of claim 6, wherein said generating said encoded voice packet uses a G.711 encoder.

Claim 10 (Previously Presented): The method of claim 6, wherein said creating said encrypted voice block employs Advanced Encryption Standard encryption.

Claim 11 (Previously Presented): A computer software product comprising:

code for generating an encoded voice packet from a speech sample, said encoded voice packet having a packet size and a plurality of bytes;

code for creating an encrypted voice block from a voice block, said voice block having a block size, wherein said packet size is not divisible by said block size and yields a remainder;

code for dividing said encoded voice packet into a plurality of first voice blocks having said block size;

code for providing said plurality of first voice blocks to said encryption unit;

code for creating a remainder voice block having said block size and including remainder bytes of said encoded voice packet and additional bytes from said plurality of first voice blocks; and

code for providing said remainder voice block to said encryption unit.

Claim 12 (Previously Presented): The computer software product of claim 11 further comprising code for applying a mask to said plurality of first voice packets for determining said additional bytes.

Claim 13 (Cancelled)

Claim 14 (Original): The computer software product of claim 11, wherein said code for generating said encoded voice packet uses a G.711 encoder.

Claim 15 (Original): The computer software product of claim 11, wherein said code for creating said encrypted voice block employs Advanced Encryption Standard encryption.